

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CARL MORRISON	05/03/2022
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<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62717379
<b>Application Number:</b>	16537069
<b>PCT Number:</b>	US2019045962
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<b>DATE SIGNED:</b>	05/03/2022
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is acknowledged, we, the below named inventors, (hereinafter referred to as Assignors), hereby assign to OmniSeq, Inc., a corporation of Delaware, having a place of business at 700 Ellicott Street, Buffalo, NY 14203, United States, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are disclosed in or are the subject the following properties (hereinafter referred to as the "Applications"):

<b>Application No.</b>	<b>Title</b>	<b>Filing Date</b>
U.S. Provisional Patent Application No. 62/717,379	METHODS AND SYSTEMS FOR ASSESSING PROLIFERATIVE POTENTIAL AND RESISTANCE TO IMMUNE CHECKPOINT BLOCKADE	August 10, 2018
U.S. Patent Application No. 16/537,069	METHODS AND SYSTEMS FOR ASSESSING PROLIFERATIVE POTENTIAL AND RESISTANCE TO IMMUNE CHECKPOINT BLOCKADE	August 9, 2019
PCT Patent Application No. PCT/US2019/045962	METHODS AND SYSTEMS FOR ASSESSING PROLIFERATIVE POTENTIAL AND RESISTANCE TO IMMUNE CHECKPOINT BLOCKADE	August 9, 2019

This assignment includes the Applications and any; (i) continuation, continuation-in-part, divisional, reissue, and other applications which claim priority to the Applications; (ii) all foreign and international applications which claim priority to the Applications; (iii) any and all United States and foreign patents, utility models, inventors' certificates, and design registrations granted for any of the inventions or improvements disclosed in or the subject of the Applications, and (iv) the right to claim priority based on the filing date of the Application under the United States Code, the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other statutes or treaties of like purposes.

Assignors authorize the Assignee to apply in all countries for patents, utility models, design registrations, inventors' certificates and like rights of exclusion for any inventions or improvements which are disclosed in or are the subject of the Applications. Assignors agree for themselves and their respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignors covenant that they have the full right to convey the interests assigned by this Assignment, and that they have not executed and will not execute any agreement in conflict with this Assignment. Assignors further agree that they will, without further consideration: (i) promptly disclose to Assignee's patent attorney any prior art known to Assignors during the pendency of the Applications or other US or foreign related applications; (ii) testify in any legal or administrative proceeding and participate in any examiner interview relating to the inventions or improvements described in the Applications; (iii) carry out in good faith the intent and purpose of the assignment; (iv) generally do everything possible which said Assignee, its successors, assigns or representatives, shall consider desirable for aiding in securing, maintaining, and enforcing the protection of any patent rights that should mature from the improvements and subject matter described in the Applications.

This assignment includes, without prejudice to the generality of the foregoing, (1) the right to appoint counsel to appear before the United States Patent and Trademark Office or any foreign jurisdiction patent office, (2) the right to make all decisions regarding the prosecution and maintenance of the Applications and any patents that should mature therefrom, (3) the right to have any patent(s) which issue from the Applications issue in the name of Assignee; and (4) the right to bring all such proceedings as may be necessary for the recovery of damages or other forms of relief in respect of any and all infringements of any patent that should mature from the Applications whether such infringement takes place before or after the date of this Assignment.

/ *Carl Morrison* /

Carl Morrison

5/3/2022

(date)

/ /

Sarabjot Pabla

(date)

/ /

Jeffrey Conroy

(date)

/ /

Sean Glenn

(date)